

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for increasing plant yield, said method comprising: (a) introducing into a plant a cyclin A nucleic acid molecule encoding a cyclin A protein, said cyclin A protein comprising a motif consisting of W L V/I E V S/A D/E D/E Y K/R/T L (SEQ ID NO:6), wherein said cyclin A nucleic acid molecule is operably linked to a seed-preferred promoter; and (b) selecting a plant exhibiting at least one of increased seed weight, increased number of filled seeds, increased seed number, increased seed size, increased harvest index, increased thousand kernel weight or modified seed composition, each relative to a corresponding control plant.

Claims 2-3 (canceled)

Claim 4 (currently amended): The method according to claim 1 wherein said cyclin A nucleic acid molecule is a cyclin A2 nucleic acid molecule encoding a cyclin A2 protein selected from cyclin A2;1, cyclin A2;2, cyclin A2;3 and cyclin A2;4, said cyclin A2 protein further comprising a motif consisting of: E L I L V/I/T/M D/E/M Y T/S/H/P/G E R/L L/R/K/N E L P S (SEQ ID NO:7), having at least two of residues (—T---F--F---).

Claims 5-8 (canceled)

Claim 9 (previously presented): The method according to claim 1 wherein said seed-preferred promoter is a promoter active in the endosperm.

Claim 10 (previously presented): The method according to claim 9, wherein said promoter is a prolamin promoter.

Claim 11 (previously presented): The method according claim 4, wherein said increased yield is achieved in optimal and sub-optimal growing conditions.

Claim 12 (currently amended): The method according to claim 11, wherein said sub-optimal growing condition comprises abiotic stress conditions, such as salt stress.

Claim 13 (currently amended): The method according to claim 1 or 2 wherein said plant is selected from rice, maize, wheat, barley, soybean, sunflower, canola, sugarcane, alfalfa, millet, barley, rapeseed, sorghum and cotton.

Claim 14 (currently amended): Plants obtainable by a method according to claim 4 [[1]].

Claims 15-20 (canceled)

Claim 21 (new) The method according to claim 12, wherein said abiotic stress is salt stress.